12-10-01IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jeffrey Oliver et al.

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HARDWARE CONTROLLER AND MONITOR



Commissioner for Patents

ATTN: Box Patent Application

Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet:

- X Utility Patent Application: Specification (21 pgs. including 46 claims and 1 pg. Abstract).
- X 4 Sheets of Formal Drawings.
- X/A signed Combined Declaration and Power of Attorney (3 pgs.).
- An Assignment of the invention to ADC DSL Systems, Inc. (3 pgs.) and Recordation Form Cover Sheet (1 pg.).
 - X A check in the amount of \$40.00 to cover the Assignment Recording Fee.
 - X A check in the amount of \$1,628.00 to cover the filing fee as calculated below.
 - X A return postcard.

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The filing fee has been calculated below as follows:

APPLICATION FILING FEE					
1	Number of	Claims Included in	Number of Extra	Cost per Extra Claim	Fee Required
3 3	Claims Filed	Basic Filing Fee	Claims		
	(1)	(2)	(1-2)		
Total Claims	46	- 20 =	26	x \$ 18 =	\$ 468
Independent Claims	8	- 3 =	5	x \$ 84 =	\$ 420
One or More Multiple Dependent Claims Presented?					\$ 0
Enter Basic Filing Fee (Utility Patent-Large Entity)					\$ 740
Total Application Filing Fee					

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Date of Deposit: November 9, 2001 "Express Mail" mailing label number: EL619114045US These papers and fees are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to the Commissioner for Patents, ATTN: Box Patent Application, Washington, D.C. 20231.

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